

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	784	(711/151).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/07/23 04:35
L2	611	(710/74).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/07/23 04:36
L3	983	(710/36).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/07/23 04:36
L4	157	((multi\$5 adj host) and (parallel\$4 near3 (access\$4 or process\$4))) and raid	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/23 04:36
S1	0	("(multi\$5orplural\$4)near3(hostorprocessor)near3requestnear3(readorwrite)").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/06/20 17:35
S2	71	(multi\$5 or plural\$4) near3 (host or processor) near3 request near3 (read or write)	USPAT; EPO; JPO	OR	ON	2004/06/20 17:38
S3	1	("6567865").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/06/20 17:39
S4	1	"6567865".URPN.	USPAT	OR	ON	2004/06/20 17:39
S5	5	("5644786"   "6457097"   "6553464"   "6567865"   "6640280"   "2003/0056032").PN.	USPAT	OR	ON	2004/06/20 17:43
S6	23	"5644786".URPN.	USPAT	OR	ON	2004/06/20 17:47

## EAST Search History

S7	50	("5303347"   "5463620"   "5526356"   "5644786"   "5708632"   "5721956"   "5757771"   "5758076"   "5761692"   "5787482"   "5802394"   "5805804"   "5805821"   "5815662"   "5832304"   "5881245"   "5917822"   "5926649"   "5928327"   "5933603"   "5944792"   "6021464"   "6023720"   "6026452"   "6061504"   "6067107"   "6067301"   "6067557"   "6085234"   "6138221"   "6157963"   "6192029"   "6205475"   "6240094"   "6243761"   "6243778"   "6253248"   "6292834"   "6304297"   "6304906"   "6317775"   "6359900"   "6374336"   "6378036"   "6385673"   "6438134"   "6470016"   "6542467"   "6542509"   "6560628").PN.	USPAT	OR	ON	2004/06/20 17:59
S8	2396	((logical or virtual) near3 (storage or disk or database or volume)) with lock\$4 or semaphore	USPAT; EPO; JPO	OR	ON	2006/11/16 10:28
S9	2358	((logical or virtual) adj (storage or disk or database or volume)) with lock\$4 or semaphore	USPAT; EPO; JPO	OR	ON	2005/03/03 20:46
S10	62	((logical or virtual) adj (storage or disk or database or volume)) with (lock\$4 or semaphore)	USPAT; EPO; JPO	OR	ON	2003/01/11 17:14
S11	3	((logical or virtual) adj (storage or disk or database or volume)) with (request near3 range)	USPAT; EPO; JPO	OR	ON	2006/06/25 00:47
S12	7	"5519849".URPN.	USPAT	OR	ON	2003/01/11 17:36
S13	0	"6216207".URPN.	USPAT	OR	ON	2003/01/11 17:44
S14	0	((logical or virtual) adj (storage or disk or database or volume)) with (request near3 range) with (overlap)	USPAT; EPO; JPO	OR	ON	2003/01/11 17:45
S15	0	((logical or virtual) adj (storage or disk or database or volume)) with (request\$2 near3 range) with (overlap)	USPAT; EPO; JPO	OR	ON	2003/01/11 17:45
S16	0	((logical or virtual) adj (storage or disk or database or volume)) with (request\$2 near3 range)) same (overlap)	USPAT; EPO; JPO	OR	ON	2003/01/11 17:46

## EAST Search History

S17	1	((logical or virtual) adj (storage or disk or database or volume)) with (request\$2 near3 range)) with ((prevent\$4 near2 access\$4) or lock\$4)	USPAT; EPO; JPO	OR	ON	2003/01/11 17:47
S18	0	"6216207".URPN.	USPAT	OR	ON	2003/01/11 17:49
S19	0	"6216207".URPN.	USPAT	OR	ON	2003/01/11 17:49
S20	4	("4835686"   "5577226"   "5913224"   "5915260").PN.	USPAT	OR	ON	2003/01/11 17:50
S21	8	"5915260".URPN.	USPAT	OR	ON	2003/01/11 18:03
S22	0	"6427184".URPN.	USPAT	OR	ON	2003/01/11 18:05
S23	5	("5640597"   "5796944"   "5835967"   "5915094"   "5915260").PN.	USPAT	OR	ON	2003/01/11 18:05
S24	5483	control\$4 with ((plurality or multi*) near2 (host or processor or cpu))	USPAT; EPO; JPO	OR	ON	2003/11/29 21:20
S25	216	(control\$4 with ((plurality or multi*) near2 (host or processor or cpu))) and raid	USPAT; EPO; JPO	OR	ON	2003/11/29 21:20
S26	0	((control\$4 near3 outside) with ((plurality or multi*) near2 (host or processor or cpu))) and raid and ((logical or virtual) adj (storage or disk or database or volume))	USPAT; EPO; JPO	OR	ON	2003/11/29 21:22
S27	72	(control\$4 with ((plurality or multi*) near2 (host or processor or cpu))) and raid and ((logical or virtual) adj (storage or disk or database or volume))	USPAT; EPO; JPO	OR	ON	2003/11/30 00:28
S28	7	("5257352"   "5544347"   "5799141"   "5845328"   "5870537"   "5949970"   "6044444").PN.	USPAT	OR	ON	2003/11/29 21:26
S29	7	("4577272"   "5193154"   "5226157"   "5313612"   "5317739"   "5537574"   "5548711").PN.	USPAT	OR	ON	2003/11/29 21:29
S30	73	"5537574".URPN.	USPAT	OR	ON	2003/11/29 21:35
S31	11	("5414819"   "5479642"   "5537574"   "5544345"   "5568574"   "6016211"   "6052498"   "6321298"   "6366375"   "6493784"   "6493811").PN.	USPAT	OR	ON	2003/11/29 21:37
S32	4	("5586291"   "5636355"   "5761705"   "5974506").PN.	USPAT	OR	ON	2003/11/29 21:40

## EAST Search History

S33	52	("4853843"   "5237566"   "5325517"   "5392397"   "5408649"   "5414851"   "5471609"   "5481707"   "5481719"   "5517648"   "5537574"   "5544345"   "5546579"   "5574914"   "5583987"   "5588111"   "5588138"   "5606696"   "5613146"   "5625831"   "5636341"   "5640584"   "5684993"   "5692193"   "5717942"   "5737763"   "5752067"   "5754871"   "5761523"   "5765011"   "5765154"   "5784702"   "5812852"   "5819020"   "5828894"   "5838968"   "5860115"   "5884018"   "5898870"   "5923890"   "5931938"   "5950228"   "5956522"   "5974493"   "5987506"   "5987621"   "6002851"   "6012151"   "6021508"   "6035414"   "6041377"   "6047323").PN.	USPAT	OR	ON	2003/11/29 21:51
S34	64	"5636341".URPN.	USPAT	OR	ON	2003/11/29 21:57
S35	15	("4498133"   "4539564"   "4570261"   "4605928"   "4654821"   "4929939"   "4967344"   "5134704"   "5157667"   "5189665"   "5321830"   "5343461"   "5345583"   "5528749"   "5537535").PN.	USPAT	OR	ON	2003/11/29 22:07
S36	73	"5537574".URPN.	USPAT	OR	ON	2003/11/29 23:12
S37	11	("4399504"   "4445174"   "4695943"   "4965719"   "5276848"   "5280611"   "5313609"   "5317716"   "5357608"   "5410697"   "5412803").PN.	USPAT	OR	ON	2003/11/29 23:13
S38	33	"5317716".URPN.	USPAT	OR	ON	2003/11/29 23:15
S39	102	"4445174".URPN.	USPAT	OR	ON	2003/11/29 23:34

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S40	46	("4914656"   "4989205"   "5077736"   "5124987"   "5163096"   "5210844"   "5237668"   "5239632"   "5274783"   "5282247"   "5297268"   "5469564"   "5528584"   "5533125"   "5548783"   "5610745"   "5610746"   "5617425"   "5623637"   "5634111"   "5644789"   "5651139"   "5657445"   "5663724"   "5748924"   "5768530"   "5768623"   "5805800"   "5805920"   "5809279"   "5809328"   "5812754"   "5835496"   "5848251"   "5872822"   "5894481"   "5913227"   "5941969"   "5941972"   "6041381"   "6061753"   "6105092"   "6118776"   "6185203"   "6219771"   "6499075").PN.	USPAT	OR	ON	2003/11/29 23:40
S41	1	("5493668").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2003/11/30 00:39
S42	1	("5845328").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2003/11/30 01:35
S43	7	("4577272"   "5193154"   "5226157"   "5313612"   "5317739"   "5537574"   "5548711").PN.	USPAT	OR	ON	2003/11/30 00:39
S44	1	("6202125").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2003/11/30 01:35
S45	42	("3766532"   "4141067"   "4323967"   "4342069"   "4371927"   "4646237"   "4755930"   "4969122"   "5025366"   "5058006"   "5136700"   "5155067"   "5193163"   "5249282"   "5251308"   "5265235"   "5287484"   "5297269"   "5303362"   "5317716"   "5319766"   "5325503"   "5325504"   "5345576"   "5353424"   "5361267"   "5369753"   "5388224"   "5390311"   "5414828"   "5434993"   "5446863"   "5454088"   "5454093"   "5465342"   "5524233"   "5530833"   "5615167"   "5678020"   "5692152"   "5761516"   "5943284").PN.	USPAT	OR	ON	2003/11/30 01:36
S46	68	"5325504".URPN.	USPAT	OR	ON	2003/11/30 01:38

## EAST Search History

S47	15	("5247639"   "5325504"   "5353428"   "5680576"   "5727150"   "5737565"   "5787476"   "5893922"   "6195728"   "6209068"   "6286090"   "6332169"   "6349366"   "6397302"   "6449700").PN.	USPAT	OR	ON	2003/11/30 01:39
S48	7	"5353428".URPN.	USPAT	OR	ON	2003/11/30 01:47
S49	7	("5182808"   "5255384"   "5454091"   "5504900"   "5542062"   "5546582"   "5551005").PN.	USPAT	OR	ON	2003/11/30 01:52
S50	221	((logical or virtual) adj (storage or disk or database or volume)) near3 (access\$4 or request\$5) with (hosts or multiple)	USPAT; EPO; JPO	OR	ON	2005/03/03 20:47
S51	194	((logical or virtual) adj (storage or disk or database or volume)) near2 (access\$4 or request\$5) with (hosts or multiple)	USPAT; EPO; JPO	OR	ON	2005/03/03 20:48
S52	159	(hosts or multiple) near3 (access\$4 or request\$5) near3 ((logical or virtual) adj (storage or disk or database or volume))	USPAT; EPO; JPO	OR	ON	2005/03/03 20:55
S53	0	(hosts or multiple) near3 (access\$4 or request\$5) near3 (identical adj (logical or virtual) adj (storage or disk or database or volume))	USPAT; EPO; JPO	OR	ON	2005/03/03 20:55
S54	0	(hosts adj multiple) near3 (access\$4 or request\$5) near3 (identical adj (logical or virtual) adj (storage or disk or database or volume))	USPAT; EPO; JPO	OR	ON	2005/03/03 20:56
S55	0	(hosts adj multiple) near3 (access\$4 or request\$5) near3 ((logical or virtual) adj (storage or disk or database or volume))	USPAT; EPO; JPO	OR	ON	2005/03/03 20:56
S56	1	(multiple adj hosts) near3 (access\$4 or request\$5) near3 ((logical or virtual) adj (storage or disk or database or volume))	USPAT; EPO; JPO	OR	ON	2005/03/03 20:57
S57	2	((multiple or hosts) near3 (access\$4 or request\$5) near3 ((logical or virtual) adj (storage or disk or database or volume))) with parallel	USPAT; EPO; JPO	OR	ON	2005/03/03 21:03
S58	5	((multiple or hosts) near6 (access\$4 or request\$5) near6 ((logical or virtual) adj (storage or disk or database or volume))) with parallel	USPAT; EPO; JPO	OR	ON	2005/03/03 21:18

## EAST Search History

S59	12	("20010049740"   "20020026558"   "4080652"   "5155835"   "5193184"   "5301297"   "5448709"   "5657468"   "5875456"   "6052759"   "6148414"   "6233648").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/03 21:03
S60	270	((multiple or hosts) near6 (access\$4 or request\$5) near6 ((logical or virtual) adj (storage or disk or database or volume)))	USPAT; EPO; JPO	OR	ON	2005/03/03 21:20
S61	133	((multiple or hosts) near6 (access\$4 or request\$5) near6 ((logical or virtual) adj (storage or disk or database or volume))) and @ad<="19981216"	USPAT; EPO; JPO	OR	ON	2005/03/03 21:21
S62	247	((logical or virtual) near3 (storage or disk or database or volume)) with parallel	USPAT; EPO; JPO	OR	ON	2006/06/07 19:00
S63	38	((logical or virtual) near3 (storage or disk or database or volume)) with ((request\$2 or process\$4 or handl\$4) near3 parallel)	USPAT; EPO; JPO	OR	ON	2006/06/07 21:09
S64	1	("6816926").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/08 18:45
S65	1	("5809516").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/08 18:57
S66	1	("5918248").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/08 18:57
S67	1	("5918248").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/24 22:52
S68	8	((logical or virtual) adj (storage or disk or database or volume)) with (request near3 range)	USPAT; EPO; JPO	OR	ON	2006/06/25 00:47
S69	867	(710/36).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/25 00:47
S70	1109	(710/5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/25 00:47

## EAST Search History

S71	339	(710/39).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/25 00:47
S72	345	(710/40).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/25 00:47
S73	523	(710/74).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/25 00:47
S74	1416	(709/200).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/25 00:47
S75	1147	(709/213).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/25 00:48
S77	697	(711/152).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/25 00:48
S78	6	((("5394539") or ("6427184") or ("5913224") or ("5974502") or ("5519849") or ("6216207"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/27 10:22
S79	6	((multi\$5) adj host) with (parallel\$4 near3 (access\$4 or process\$4))) and raid.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/19 20:37
S80	22	("20020035667"   "4173713"   "5394532"   "5396596"   "5519694"   "5606359"   "5675579"   "5694121"   "5710549"   "6023780"   "6148414"   "6178521"   "6195770"   "6230221"   "6289401"   "6385681"   "6389432"   "6389494"   "6418511"   "6442659"   "6493804"   "6571310").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 10:29
S81	3	S80 and lock\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 10:30
S82	0	((multi\$5) adj host) with (lock\$4 near3 (access\$4 or process\$4))) and ((logical or virtual) near2 disk)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/27 10:37
S83	32	(hosts with (lock\$4 near3 (access\$4 or process\$4))) and ((logical or virtual) near2 disk)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/27 10:38



## EAST Search History

S84	1	(hosts with (lock\$4 near3 (access\$4 or process\$4))) and ((logical or virtual) near2 disk) and coherency	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/27 10:39
S85	9842566	@ad<"19981216"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/27 10:39
S86	745646	@rlad<"19981216"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/27 10:39
S87	2836831	@prad<"19981216"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/27 10:39
S88	10233142	S85 or S86 or S87	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/19 20:44
S89	18	S83 and S88	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/29 19:33
S90	1	("5933824").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/29 19:33
S91	3539	((logical or virtual) near3 (storage or disk or database or volume)) with lock\$4 or semaphore	USPAT; EPO; JPO	OR	ON	2006/11/16 10:28
S92	7	((multi\$5) adj host) with (parallel\$4 near3 (access\$4 or process\$4))) and raid	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/19 20:40
S93	147	((multi\$5) adj host) and (parallel\$4 near3 (access\$4 or process\$4))) and raid	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/23 02:27
S94	9845155	@ad<"19981216"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/19 20:44
S95	749448	@rlad<"19981216"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/19 20:44
S96	2842358	@prad<"19981216"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/19 20:44
S97	10241558	S94 or S95 or S96	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/19 20:44
S98	17	S97 and S93	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/19 21:06

## EAST Search History

S99	1	("5933824").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/19 21:06
S10 0	157	(((multi\$5) adj host) and (parallel\$4 near3 (access\$4 or process\$4))) and raid	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/07/23 04:36